

Patent Abstracts of Japan

PUBLICATION NUMBER : 2000182464
PUBLICATION DATE : 30-06-00

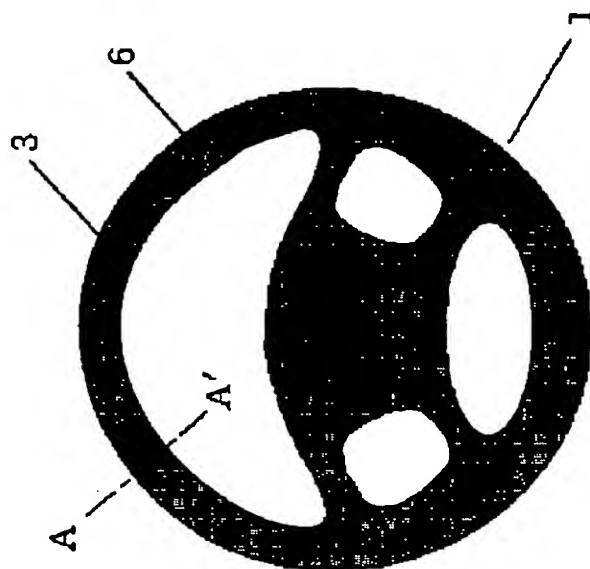
APPLICATION DATE : 11-12-98
APPLICATION NUMBER : 10352743

APPLICANT : MATSUSHITA ELECTRIC IND CO LTD;

INVENTOR : UEDA YASUKIYO;

INT.CL. : H01H 13/00 B60R 1/06 B60R 16/02
B62D 1/04 H01H 13/08 H01H 13/52

TITLE : STEERING SWITCH DEVICE



ABSTRACT : **PROBLEM TO BE SOLVED:** To provide a steering switch device which has a simple, low-cost arrangement and preventing contacts from degrading as in devices of the prior art, thus enhancing reliability, without the need for placing a large number of piezoelectric elements as in prior art.

SOLUTION: Thus device includes a piezoelectric cable 6, placed within a steering wheel 1 and a control means which outputs control signals for controlling on-vehicle equipment according to signals outputted from the piezoelectric cable 6. The use of the piezoelectric cable 6 prevents contacts from degrading as in prior art, providing enhanced reliability. Also, there is no need for a large number of piezoelectric elements to be placed as in prior art, and the steering switch device having a simple, low-cost arrangement can be achieved.

COPYRIGHT: (C)2000,JPO

BEST AVAILABLE COPY